

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Ge Zhu et al. Group No.: unknown  
 Serial No.: 10/659,032 Filed: 9/9/2003  
 For: RECURSIVE NOISE REDUCTION WITH STILL PIXEL DETECTION

Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**COMPLETION OF FILING REQUIREMENTS**  
**—NONPROVISIONAL APPLICATION**

- I.** This replies to the Notice to File Missing Parts of Nonprovisional Application mailed December 2, 2003. A copy of the Notice to File Missing Parts is enclosed.

**DECLARATION OR OATH and POWER OF ATTORNEY**

- II.** No declaration or oath was filed. Enclosed is the original declaration or oath for this application.

**ENTITY STATUS**

- III.** Applicant is a ☐ large / ☒ small entity.

**COMPLETION FEES**

- |            |  |          |
|------------|--|----------|
| <b>IV.</b> | 1. Filing Fee: Original patent application (37 C.F.R. 1.16(a))               | \$385.00 |
|            | 2. Fee for Claims: Each claim in excess of 20 (37 C.F.R. 1.16(c))            | \$351.00 |
|            | 3. Fee for Claims: Each independent claim in excess of 3 (37 C.F.R. 1.16(b)) | \$43.00  |
|            | 4. Surcharge Fee: Late payment of filing fee (37 C.F.R. 1.16(e))             | \$65.00  |
|            | Total completion fees  | \$844.00 |

**EXTENSION OF TIME**

- V.** A Petition for a ONE month extension of time is requested. Fee Due: \$55.00

**REQUEST FOR CORRECTED FILING RECEIPT**

- VI.** Attached is a copy of the official filing receipt for which issuance of a corrected filing receipt is respectfully requested. There are errors with respect to the following, which are incorrectly entered.

Error in	Correct data
1. Foreign Applications	CHINA 03128818.9 05/23/2003

**TOTAL FEE DUE**

- VII.** The total fees due are: **\$899.00**. Please charge Deposit Account No. 50-0574 for these fees and any additional fees that may be due by this paper.

Customer No. 22888

 Ref # 38,181  
 Edward S. Mao, Reg. No. 40,713

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 24, 2004.

2/24/04 Carrie Reddick  
 Date Signature: Carrie Reddick



## UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/659,032	09/09/2003	2614	0.00	HYM-001-1	5	59	4

022888  
 BEVER HOFFMAN & HARMS, LLP  
 TRI-VALLEY OFFICE  
 1432 CONCANNON BLVD., BLDG. G  
 LIVERMORE, CA 94550



CONFIRMATION NO. 3286

## FILING RECEIPT



\*OC000000011392232\*

Date Mailed: 12/02/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Ge Zhu, Shanghai, CHINA;  
 Edward Chen, Shanghai, CHINA;  
 Henry H. Tung, San Jose, CA;

## Assignment For Published Patent Application

HUAYA Microelectronics (Shanghai) Inc.;

## Domestic Priority data as claimed by applicant

## Foreign Applications:

8.9  
 CHINA 0312881 // 05/23/2003

If Required, Foreign Filing License Granted: 12/01/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*



Recursive noise reduction with still pixel detection

**Preliminary Class**

348

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

